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SS-12

User Manual

Revision History

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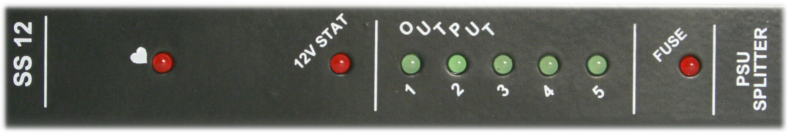
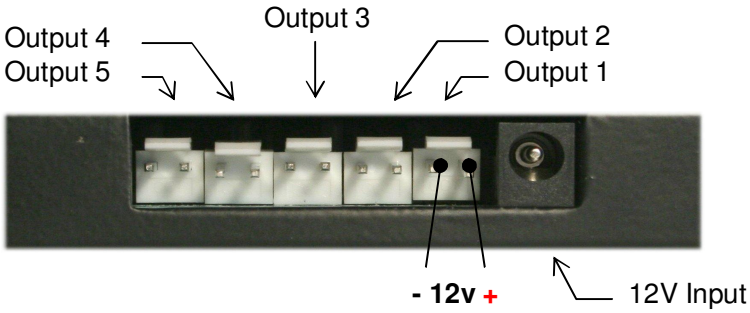
1. SPECIFICATIONS

Front View



Side View



The SS-12 is a power supply splitter designed to power 1 x SS-87 SME or SS-87 Standard and/or 4 x SS-10 from a single supply.
The unit has 1 input and 5 outputs.
All outputs are current limited to a maximum of 1A at 12V.
In the event of a short circuit the SS-12 will switch off the specific output and will then restart the output when the short circuit has been removed.
If one or more of the outputs are short circuited the rest of the outputs will continue to function.

Input : 12V @ 2.5A
Outputs : 12V up to 1A
Status LEDs : 8
Dimensions : L - 135mm W - 90mm D - 25mm

2. INSTALLATION INSTRUCTIONS

Step 1: Connect the supplied power supply to the SS-12.
Step 2: Connect one of the supplied power cables to the SS-12.
Step 3: Connect the supplied power cable to the device which needs power.
Step 4: Switch on the power supply of the SS-12.

3. OPERATIONAL DESCRIPTION

LED description (from left to right):

Heart beat LED: This LED will pulse when the microprocessor which controls the unit is running.

12V Status LED:

This LED indicates the status of the 12V input. If the input is bellow 12V the LED will be off.

The LED will be on if the input voltage is between 12V and 13V.

The LED will blink if the voltage is above 13,5V.

Output LEDs (1 -5): These LEDs correspond to the 5 outputs of the SS-12.

If the output is working correctly the corresponding LED will be on.

If the output has been short circuited or overloaded the LED will be ‘’off’’.

Fuse status:

This LED will switch ‘’on’’ if the input protection fuse has been blown.

The LED must be ‘’off’’ for the SS-12 to work.

4. TROUBLESHOOTING

Problem	Cause and Solution
12V STAT LED is off/blinking	The power supply powering the SS-12 is not supplying the required voltage. Check the rating on the power supply and replace it.
Heartbeat LED is off/on	The microcontroller is not functioning. Faulty unit.
Fuse LED is on	The input protection fuse has blown. The power supply which powers the SS-12 has been severely overloaded.
Output LED is off	The corresponding output has been short circuited or overloaded. Disconnect the device which has been connected to the specific output.

5. CONTACT DETAILS

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